

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/E: 99/04095

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C12N15/29 C12N1/19 C12N5/10 A01H5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE EMBL 'Online! Accession number AF000952, 16 December 1997 (1997-12-16) MBEGUIE A, ET AL.: "Prunus armeniaca putative sugar transporter mRNA" XP002121555 abstract	1,2,6-10
X	DATABASE GENBANK 'Online! Accession number L01424, 12 April 1995 (1995-04-12) MATTHEAKIS LC, ET AL.: "Saccharomyces cerevisiae diptamide biosynthesis (DPH2) gene" XP002121556 abstract	1,2,6-9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

4 November 1999

Date of mailing of the international search report

24/11/1999

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE GENBANK 'Online! Accession number Y10558, 20 January 1997 (1997-01-20) VESKE A: "C. familiaris rds gene" XP002121557 abstract	1,2,6-9
A	SERVAITES J, GEIGER D: "Studies on the Chloroplastic Glucose Translocator" PLANT PHYSIOLOGY, vol. 111, no. 2, 1996, page S108 XP002121552 Rockville Annual Meeting of the American Society of Plant Physiologists, San Antonio, Texas, USA, 27.-31.07.1996 the whole document	
A	FLUEGGE U -I ET AL: "MOLECULAR CHARACTERIZATION OF PLASTID TRANSPORTERS" COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES SERIE III: SCIENCES DE LA VIE, vol. 319, 1 September 1996 (1996-09-01), pages 849-852, XP000674340 ISSN: 0764-4469 the whole document	
A	TRETHEWEY RN, APREES T: "The Role of the Hexose Transporter in the Chloroplasts of Arabidopsis thaliana L." PLANTA, vol. 195, no. 2, December 1994 (1994-12), pages 168-174, XP002121553 the whole document	
A	KAMMERER B, ET AL.: "Molecular Characterization of a Carbon Transporter in Plastids from Heterotrophic Tissue: The Glucose 6-Phosphate/Phosphate Antiporter" THE PLANT CELL, vol. 10, no. 1, January 1998 (1998-01), pages 105-117, XP002121554 the whole document	